

PRAS40 (S183 Phosphorylated) Anti-Human Rabbit IgG Affinity Purify

Polyclonal Antibody

Cat.NO.: PA01406

3th Edition

Description: mTOR exists as two types of complexes called mTORC1 and mTORC2. mTORC1 is regulated in activity by amino acid and inhibited specifically by a immunosuppressant “rapamycin”. It is considered that PRAS40 is phosphorylated by mTORC1, for phosphorylation of PRAS40 (proline-rich Akt substrate of 40 kDa) which is a novel substrate of mTOR at Ser-183 (human) is induced by amino-acid stimulation and inhibited by rapamycin.

Antigen: Synthetic peptide of the phosphorylated part of Human PRAS40 (QYAK(pS)LPVS)

Form: Lyophilized product from 1% BSA in PBS containing 0.05% NaN₃

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Please see datasheet.